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R E M A R K S

July 16, 2001

By

By Andrew Patel

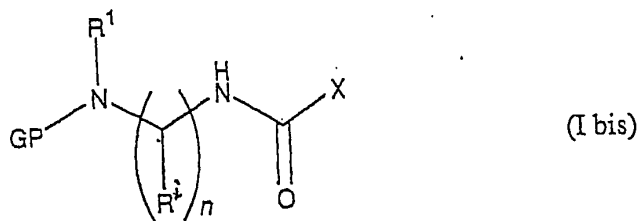
VERSION WITH MARKINGS TO SHOW CHANGES MADE

Amend claim 3 as follows:

--3. (amended) Process according to claim 1 ~~or 2~~,  
in which the structure of the activated derivative of carbamic  
acid is conferred by the N-hydroxysuccinimide group.

Amend claim 9 as follows:

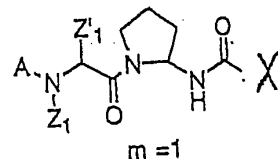
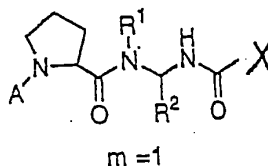
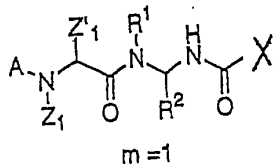
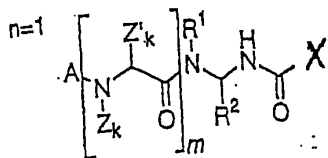
--9. (amended) Compounds according to claim 7 ~~or~~  
8, having the formula (I bis)



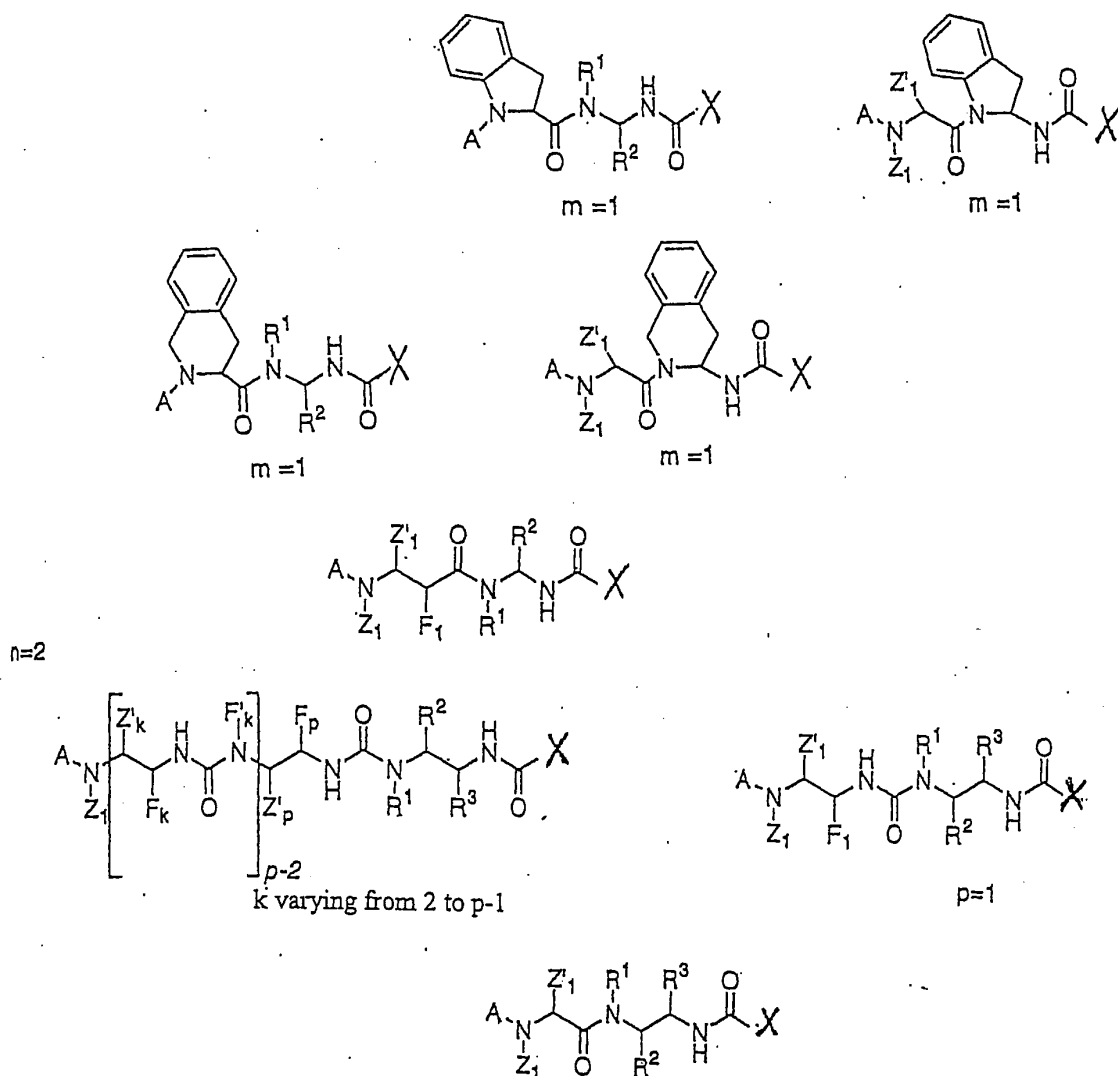
~~in which n, i, GP, X, R<sup>1</sup> and R<sup>i</sup> have the meanings  
given in claims 7 or 8.~~

Amend claim 10 as follows:

--10. (amended) Compounds according to claim 7 ~~or~~  
8, having the following formulas:



T03F40" 65440650



in which

- $m$  and  $p$  are comprised from 1 to 10,
- $A$  represents either a protective group selected from the following groups: a hydrogen atom, an oxycarbonyl (ROCO) group, acyl, alkyl, aryl, urea, phthalimide (with  $R^1 = \text{ö}$ ), biotin, or the group  $A$  can form with the nitrogen atom with which it is contiguous an  $\text{NH}_2^+$  entity,
- $Z_k$ ,  $Z'_k$ ,  $F_k$  and  $F'_k$  represent independently of each other a hydrogen atom, a protected or unprotected side

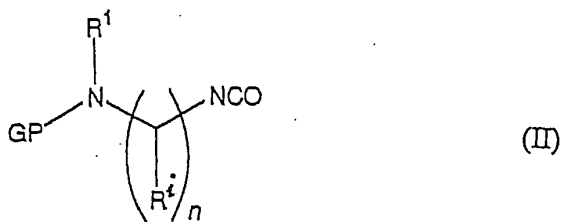
chain of an amino acid selected from natural and synthetic amino acids, a halogen, a (C1-C20) alkyl group, substituted or not, or an aryl group.

Amend claim 12 as follows:

--12. (amended) Compounds according to claim 9, having the formula (Ibis) in which  $1 < n < 4$ , ~~X is as defined in claim 7~~ and is particularly from p-nitrophenol, N-hydroxysuccinimide, pentafluorophenol, hydroxy-1,2,3-benzotriazole or imidazole, GP is an oxycarbonyl group or acyl group ~~as defined in claim 7~~.

Amend claim 16 as follows:

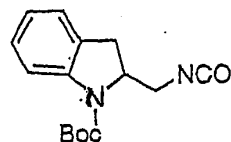
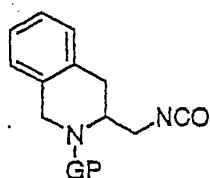
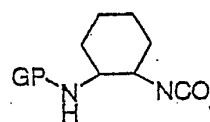
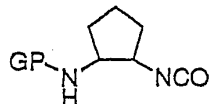
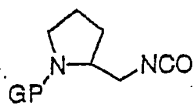
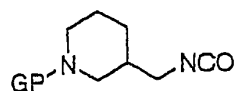
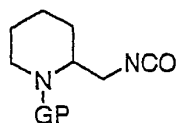
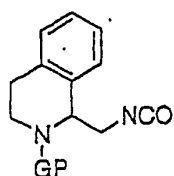
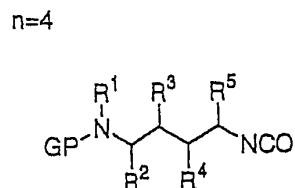
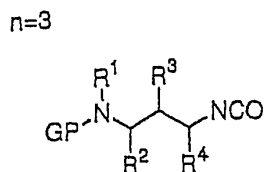
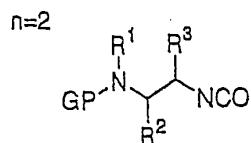
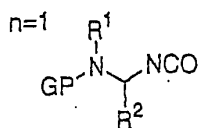
--16. (amended) Compounds according to claim 15, having the formula (II):



~~in which n, i, GP, R<sup>1</sup> and R<sup>i</sup> have meanings mentioned in claim 15.~~

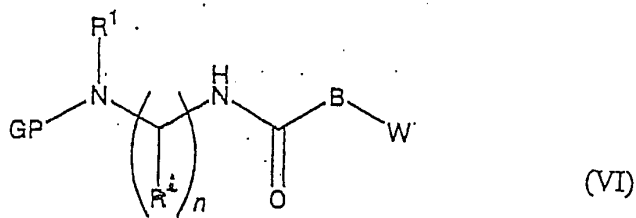
--18. (amended) Compounds according to claim 16, having the formula (II) in which  $1 < n < 4$ , GP is an oxycar-

bonyl group or acyl group ~~such as defined in claim 15~~, and particularly the following compounds, in particular those for which GP - Boc and Fmoc:



Amend claim 20 as follows:

--20. (amended) Compounds according to claim 19, having the formula (VI):



~~in which n, i, GP, R1, Ri, B and W have the meanings mentioned in claim 19.~~

Amend claim 27 as follows:

--27. (amended) Compounds ~~having one of the formulas (I bis), (II), (III bis), (IV), (VI), (VII)~~ according to ~~one of claims~~ claim 7 to 22, in which the aryl group can be substituted with 1 to 6 substituents selected from: alkyl, alkoxy, amine, ester, urea, amide, carboxylic acid, 1 to 10 carbon atoms, hydroxyl, nitrile, nitro, guanidine, aryl whose cyclic structure contains 5 to 20 carbon atoms, and a halogen atom.

Amend claim 28 as follows:

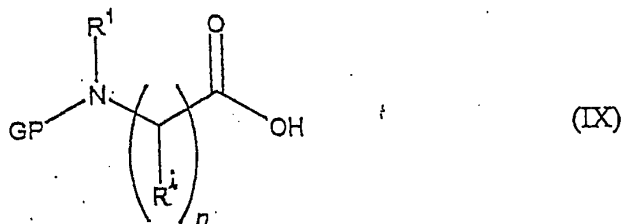
--28. (amended) Compounds according to ~~one of claims~~ claim 7, 15, 19 or 25, in which the alkyl group is substituted with one or several substituents selected from the groups: -COORh, -CONHRh, -COOH, -OH, -ORh, -NHRh, -NH2, -NH(CO)Rh, aryl whose cyclic structure contains 5 to 20 carbon atoms, halogen, carbonyl of 1 to 10 carbon atoms, nitrile, guanidine,

Rh representing an allyl, benzyl, t-butyl, fluorenylmethyl, alkyl group having 1 to 20 carbon atoms, or an aryl group whose cyclic structure contains 5 to 20 carbon atoms.

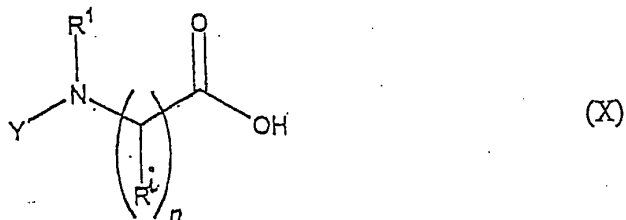
Amend claim 29 as follows:

--29. (amended) Process for preparation according to one of claims 1 to 3, of derivatives corresponding to the formulas (I bis), (II), (III bis) or (IV) according to one of claims claim 7 to 18, from respectively:

- compounds of formula (IX) (for compounds of formula (I bis) and (II))

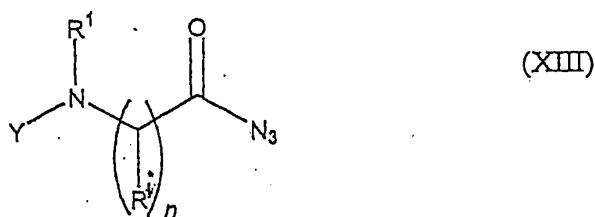
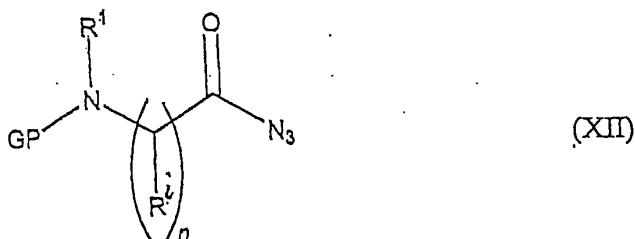


- compounds of formula (X) (for compounds of formula (III bis) and (IV))



comprising

(a) a step of transformation of acid (IX) or (X) into the corresponding acyl azide (XII) or (XIII) respectively



by a suitable treatment,

(b) a step of transformation of acyl azide (XII) or (XIII) by Curtius rearrangement into the corresponding isocyanate (II) or (IV) respectively,

(c) a step of treatment of isocyanate (II) or (IV), preferably not isolated, under conditions permitting obtaining a carbamic acid derivative of formula (I bis) or (III bis).

Amend claim 31 as follows:

--31. (amended) Process for preparation ~~according to claim 1, of compounds of formula (VI) or (VII) according to one of claims~~ claim 19 to 22, comprising the reaction of compounds containing primary or secondary amines or alcohols with one of the products of formula (I bis), (II), (III bis)



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or (IV) ~~according to one of claims 7 to 18,~~ in a solvent, with  
or without the addition of an organic or mineral base.

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